VACANCY ANNOUNCEMENT

The Department of Health received a Civil Service Commission decision on August 26,2020 approving interim appointments for Unclassified Service positions within the Department of Health for an interim Public Health Recovery Division, Epidemiology and Laboratory Capacity Enhancing Detection. This interim division is currently established and is expected to remain operational until November 30, 2022.

Title	Salary
Research Scientist 3 [Unclassified]	**P25 $68,214.76 - $96,960.49**

Posting Number	Position Number	Number of Positions	Posting Period *
V258-22	**945670**	**1**	From: **03/17/2022** To: **03/31/2022**

Location:	Scope of Eligibility/Open to:
Office of the Commissioner **Office of Population Health** **55 North Willow Street, Trenton, NJ 08618**	**Applicants who Meet the Requirements**

GENERAL DESCRIPTION

Under the supervision of a Research Scientist 1, the Data Architect will support the work of the Health Care Quality and Informatics Centralized Data & Analytics Hub team in formalizing an information cycle designed to produce integrative insights across health related programs within and outside the Department of Health.

Develop and maintain data infrastructure to support the analytical tools, including understanding how to work with cloud analytics platforms and open-source visualization tools like Tableau. Desired skills include prior experience with AWS and Azure, Advanced working SQL knowledge and experience working with relational databases, query authoring (SQL) as well as working familiarity with a variety of databases, Experience with Python and experience with libraries such as pandas and numpy. Experience building and optimizing 'big data' data pipelines, architectures, and data sets and performing root cause analysis on internal and external data and processes to answer specific business questions and identify opportunities for improvement. Build processes supporting data transformation, data structures, metadata, dependency, and workload management. A successful history of manipulating, processing and extracting value from large disconnected datasets

Assist with implementation of analytical techniques, including generation of statistical models using large data manipulation software, to integrate evaluation of diverse information pools for creation of data sets used for comprehensive public health policy generation, public services enhancement and response. This includes using raw and filtered information to provide predictive analytics to include risk factors and social determinants of health; applying consistent pressure testing of data quality, workflows and identification of case studies/variants for outcome and activity focused results.

REQUIREMENTS (EDUCATION / EXPERIENCE / LICENSES)

EDUCATION: Graduation from an accredited college or university with a Master's degree in a discipline appropriate to the position.

EXPERIENCE: Two (2) years of experience in a field appropriate to the position.

NOTE: A Doctorate in a discipline appropriate to the position may be substituted for two (2) years of experience indicated above.

LICENSE: Appointee will be required to possess a driver's license valid inNew Jersey only if the operation of a vehicle, rather than employeee.

IMPORTANT FILING INSTRUCTIONS

If interested in this position, you can reply in one of two ways:
- Forward the required documents electronically to:
  PSTOC@doh.nj.gov
- Mail the required documents to:
  Kevin Jennings, Supervising Mgt. Impr. Specialist
  Management and Administration

Required **documents:**
- cover letter
- resume
- completed application, found at:
  http://www.nj.gov/health/forms/dpf-663.pdf

> *Newly hired employees must agree to a thorough background check that will include fingerprinting.*

> *If you are a candidate for a position in our Public Health and Environmental Laboratories, you may be subject to pre- and /or post-employment alcohol and drug testing.*

> *If you are a candidate for a position that involves direct client care in one of the State facilities/programs, you may be subject to pre- and/or post-employment drug testing/screening. The cost of any pre-employment testing will be at the candidate's expense. Candidates with a positive drug test result, or those who refuse to be tested and/or cooperate with the testing requirement, will not be hired.*

> *In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire.*

> *In accordance with N.J.S.A. 52:14-7, the "New Jersey First Act", all employees must reside in the State of New Jersey, unless exempted under the law. If you do not live in New Jersey, you have one year after you begin employment to relocate your residence to New Jersey.*

> ***The New Jersey Department of Health is an Equal Opportunity Employer.***

> *RESUME NOTE: Applicants who possess foreign degrees (degrees earned outside of the U.S.) are required to provide an evaluation indicating the U.S. equivalency prior to the closing date. Failure to do so may result in your ineligibility.*